

# Thermosiphon Engine Heaters

EE Model  
Hazardous Location  
Single Phase

1500-5000 Watts



EE Model without thermostat



EE Model with thermostat

## Heaters with Thermostats

EE Models are only available with a fixed setting temperature sensor.

| Temperature Range |             | Numerical Code |
|-------------------|-------------|----------------|
| ON                | OFF         |                |
| 100°F (38C)       | 120°F (49C) | 10             |

All heaters over 480 V with a thermostat must use a control box. See Control Systems page 30.

## EE Replacement Thermostats

Example:

Model Number: EE130210-000  
T-Stat Replacement: RSU10

| Temperature Range |             | Sensing Unit |
|-------------------|-------------|--------------|
| ON                | OFF         |              |
| 100°F (38C)       | 120°F (49C) | RSU10        |

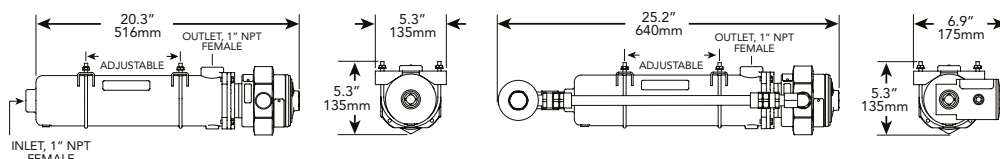
## ADAPTER FITTINGS

For the use of 0.75" or 1" ID heater hose, hose barb adapters are available. See below.

|        |                                                                                             |
|--------|---------------------------------------------------------------------------------------------|
| HB-1   | 1" NPT to 1" hose barb adapter. Installs in 1" NPT female inlet or outlet of the heater.    |
| HB-3/4 | 1" NPT to 0.75" hose barb adapter. Installs in 1" NPT female inlet or outlet of the heater. |

| Engine Displacement              | Model Number without Thermostat | Model Number with Thermostat | Volts | Watts | Phase | Amp  |
|----------------------------------|---------------------------------|------------------------------|-------|-------|-------|------|
| 500 CID or less<br>8.2 L or less | EE115100-000                    | EE115110-000                 | 120   | 1500  | 1     | 12.5 |
|                                  | EE115800-000                    | EE115810-000                 | 208   | 1500  | 1     | 7.2  |
|                                  | EE115200-000                    | EE115210-000                 | 240   | 1500  | 1     | 6.3  |
| 500 - 600 CID<br>8.2 - 9.8 L     | EE120100-000                    | EE120110-000                 | 120   | 2000  | 1     | 16.7 |
|                                  | EE120800-000                    | EE120810-000                 | 208   | 2000  | 1     | 9.6  |
|                                  | EE120200-000                    | EE120210-000                 | 240   | 2000  | 1     | 8.3  |
| 600 - 800 CID<br>9.8 - 13.1 L    | EE125800-000                    | EE125810-000                 | 208   | 2500  | 1     | 12.0 |
|                                  | EE125200-000                    | EE125210-000                 | 240   | 2500  | 1     | 10.4 |
|                                  | EE125400-000                    | EE125410-000                 | 480   | 2500  | 1     | 5.2  |
| 800 - 1000 CID<br>13.1 - 16.4L   | EE130800-000                    | EE130810-000                 | 208   | 3000  | 1     | 14.4 |
|                                  | EE130200-000                    | EE130210-000                 | 240   | 3000  | 1     | 12.5 |
|                                  | EE130400-000                    | EE130410-000                 | 480   | 3000  | 1     | 6.3  |
| 1000 - 1350 CID<br>16.4 - 22.1 L | EE140800-000                    | EE140810-000                 | 208   | 4000  | 1     | 19.2 |
|                                  | EE140200-000                    | EE140210-000                 | 240   | 4000  | 1     | 16.7 |
|                                  | EE140400-000                    | EE140410-000                 | 480   | 4000  | 1     | 8.3  |
| 1350 - 1650 CID<br>22.1 - 27.0 L | EE150400-000                    | EE150410-000                 | 480   | 5000  | 1     | 10.4 |

## EE Model



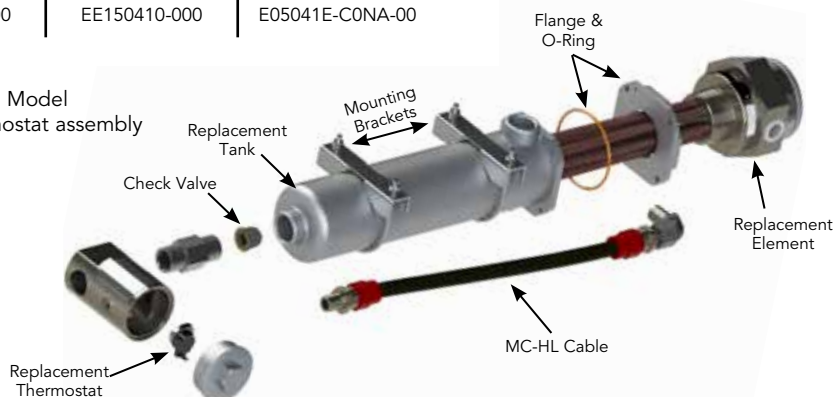
## Replacement Parts

| Model Number without Thermostat | Model Number with Thermostat | Element Replacement |
|---------------------------------|------------------------------|---------------------|
| EE115100-000                    | EE115110-000                 | REEE1151            |
| EE115800-000                    | EE115810-000                 | REEE1158            |
| EE115200-000                    | EE115210-000                 | REEE1152            |
| EE115400-000                    | EE115410-000                 | E01541E-50NA-00     |
| EE120100-000                    | EE120110-000                 | REEE1201            |
| EE120800-000                    | EE120810-000                 | REEE1208            |
| EE120200-000                    | EE120210-000                 | REEE1202            |
| EE120400-000                    | EE120410-000                 | E02041E-50NA-00     |
| EE125800-000                    | EE125810-000                 | REEE1258            |
| EE125200-000                    | EE125210-000                 | REEE1252            |
| EE125400-000                    | EE125410-000                 | E02541E-C0NA-00     |
| EE130800-000                    | EE130810-000                 | REEE1308            |
| EE130200-000                    | EE130210-000                 | REEE1302            |
| EE130400-000                    | EE130410-000                 | E03041E-50NA-00     |
| EE140800-000                    | EE140810-000                 | REEE1408            |
| EE140200-000                    | EE140210-000                 | REEE1402            |
| EE140400-000                    | EE140410-000                 | E04041E-50NA-00     |
| EE150400-000                    | EE150410-000                 | E05041E-C0NA-00     |

## Common Replacement Parts available for all listed heaters

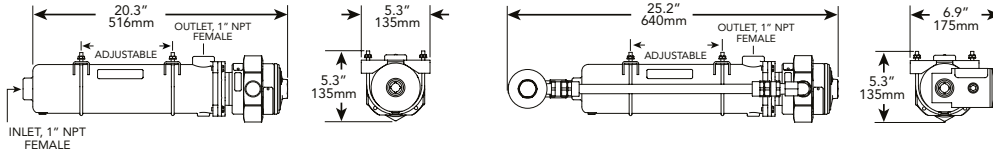
|                   |               |
|-------------------|---------------|
| Check Valve       | RV-M          |
| Flange            | RF-L          |
| Flange O-ring     | TML-OR        |
| Tank              | RTL           |
| MC-HL cable       | PRP104301-029 |
| Mounting Brackets | FK7           |

EE Model with thermostat assembly



| Engine Displacement              | Model Number without Thermostat | Model Number with Thermostat | Volts | Watts | Phase | Amp  |
|----------------------------------|---------------------------------|------------------------------|-------|-------|-------|------|
| 500 CID or less<br>8.2 L or less | EE315800-000                    | EE315810-000                 | 208   | 1500  | 3     | 4.2  |
|                                  | EE315200-000                    | EE315210-000                 | 240   | 1500  | 3     | 3.6  |
|                                  | EE315400-000                    | EE315410-000                 | 480   | 1500  | 3     | 1.8  |
| 500 - 600 CID<br>8.2 - 9.8 L     | EE320800-000                    | EE320810-000                 | 208   | 2000  | 3     | 5.6  |
|                                  | EE320200-000                    | EE320210-000                 | 240   | 2000  | 3     | 4.8  |
|                                  | EE320400-000                    | EE320410-000                 | 480   | 2000  | 3     | 2.4  |
| 600 - 800 CID<br>9.8 - 13.1 L    | EE325800-000                    | EE325810-000                 | 208   | 2500  | 3     | 6.9  |
|                                  | EE325200-000                    | EE325210-000                 | 240   | 2500  | 3     | 6.0  |
|                                  | EE325400-000                    | EE325410-000                 | 480   | 2500  | 3     | 3.0  |
| 800 - 1000 CID<br>13.1 - 16.4 L  | EE330800-000                    | EE330810-000                 | 208   | 3000  | 3     | 8.3  |
|                                  | EE330200-000                    | EE330210-000                 | 240   | 3000  | 3     | 7.2  |
|                                  | EE330400-000                    | EE330410-000                 | 480   | 3000  | 3     | 3.6  |
| 1000 - 1350 CID<br>16.4 - 22.1 L | EE340800-000                    | EE340810-000                 | 208   | 4000  | 3     | 11.1 |
|                                  | EE340200-000                    | EE340210-000                 | 240   | 4000  | 3     | 9.6  |
|                                  | EE340400-000                    | EE340410-000                 | 480   | 4000  | 3     | 4.8  |
| 1350 - 1650 CID<br>22.1 - 27.0 L | EE350800-000                    | EE350810-000                 | 208   | 5000  | 3     | 13.9 |
|                                  | EE350200-000                    | EE350210-000                 | 240   | 5000  | 3     | 12.0 |
|                                  | EE350400-000                    | EE350410-000                 | 480   | 5000  | 3     | 6.0  |

## EE Model



## Replacement Parts

| Model Number without Thermostat | Model Number with Thermostat | Element Replacement |
|---------------------------------|------------------------------|---------------------|
| EE315800-000                    | EE315810-000                 | E01583E-15NA-00     |
| EE315200-000                    | EE315210-000                 | E01523E-15NA-00     |
| EE315400-000                    | EE315410-000                 | E01543E-15NA-00     |
| EE320800-000                    | EE320810-000                 | E02083E-25NA-00     |
| EE320200-000                    | EE320210-000                 | E02023E-25NA-00     |
| EE320400-000                    | EE320410-000                 | E02043E-25NA-00     |
| EE325800-000                    | EE325810-000                 | E02583E-30NA-00     |
| EE325200-000                    | EE325210-000                 | E02523E-30NA-00     |
| EE325400-000                    | EE325410-000                 | E02543E-30NA-00     |
| EE330800-000                    | EE330810-000                 | E03083E-30NA-00     |
| EE330200-000                    | EE330210-000                 | E03023E-30NA-00     |
| EE330400-000                    | EE330410-000                 | E03043E-30NA-00     |
| EE340800-000                    | EE340810-000                 | E04083E-50NA-00     |
| EE340200-000                    | EE340210-000                 | E04023E-50NA-00     |
| EE340400-000                    | EE340410-000                 | E04043E-50NA-00     |
| EE350800-000                    | EE350810-000                 | E05083E-50NA-00     |
| EE350200-000                    | EE350210-000                 | E05023E-50NA-00     |
| EE350400-000                    | EE350410-000                 | E05043E-50NA-00     |

### Common Replacement Parts available for all listed heaters

|                   |               |
|-------------------|---------------|
| Check Valve       | RV-M          |
| Flange            | RF-L          |
| Flange O-ring     | TML-OR        |
| Tank              | RTL           |
| MC-HL cable       | PRP104301-029 |
| Mounting Brackets | FK7           |

EE Model with thermostat assembly



## Thermosiphon Engine Heaters

### EE Model Hazardous Location Three Phase

1500-5000 Watts



EE Model without thermostat



EE Model with thermostat

### Heaters with Thermostats

EE Models are only available with a fixed setting temperature sensor.

| Temperature Range       | Numerical Code |
|-------------------------|----------------|
| ON OFF                  |                |
| 100°F (38C) 120°F (49C) | 10             |

All 3 phase heaters with thermostat must use a control box. See Control Systems page 30.

### EE Replacement Thermostats

Example:

Model Number: EE130210-000  
T-Stat Replacement: RSU10

| Temperature Range       | Sensing Unit |
|-------------------------|--------------|
| ON OFF                  |              |
| 100°F (38C) 120°F (49C) | RSU10        |

### ADAPTER FITTINGS

For the use of 0.75" or 1" ID heater hose, hose barb adapters are available. See below.

|        |                                                                                             |
|--------|---------------------------------------------------------------------------------------------|
| HB-1   | 1" NPT to 1" hose barb adapter. Installs in 1" NPT female inlet or outlet of the heater.    |
| HB-3/4 | 1" NPT to 0.75" hose barb adapter. Installs in 1" NPT female inlet or outlet of the heater. |